

Abstract

Switching device with an actuator consisting of a shape memory alloy

The switching device contains a strip-shaped actuator element (2) consisting of a shape memory alloy, which is connected to a movable contact part (4b) of a switching contact (4). It is intended that an at least largely extended shape has been impressed into the actuator element at an annealing temperature. It is intended that, in the operating state in which the switching function is not triggered, said element rests on a deflecting element (5) with frictional engagement in such a way that the deflecting element exerts on the concave inner side of the actuator element a counterforce (G) partially counteracting the curving of the latter in this state.

Figure 1